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ERRATA–PART I

Abstr. 651 of 1968 line 3: for "Aug" read "Sept"
Abstr. 7626 of 1968 line 4: for "Aug" read "Sept"
Abstr. 8259 of 1968, after vol. 39 add "Fascicule Hors Serie"
Abstr. 11186 of 1968: for "Blazer" read "Blazed"
Abstrs. 12339-41, 12426, 13393, 13979, 14404-6, 14350-1, 14376, 14378, 14414 and 14891 of April 1968, for Journal ref. read "..... (1968)."

April 1968 p. lviii, line 19, after Pasadena (1966) read "1370 (introductory abstract)". p. lviii, line 56, read "Southwestern IEEE..."

Book Index (April 1968) Line 5: For abstr. "11286" read, "11386"

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For the sake of simplicity and uniformity, all names beginning with articles or prepositions are listed as if written as single words, regardless of nationality (e.g. Van Vleck is listed as if written Vanvleck). Cross-references are included in appropriate places. Compound names are generally listed under the last component, unless hyphenated; exceptions to this rule are appropriately cross-referenced.

All names are reproduced in the abstracts and the index with the same spelling as in the original articles; in the case of articles printed in Cyrillic characters, a letter-by-letter transliteration is given. Russian authors' names may appear in Latin-alphabet publications in various forms, due to the use of different transliteration schemes; these names are reproduced as printed in the articles abstracted.

A shortened form of the title of the article is used instead of the complete title; this shortened form will, in most cases, be sufficient to differentiate a particular article from any other that the author may have written.

When an article has several authors:
i) each author's name appears separately, and all the names do NOT appear together in an entry;
ii) the first author's name is followed by a '+' sign before the abstract number to indicate that there are further authors, whereas for the co-authors, a '+' sign precedes their names, to indicate that they are not the first author,

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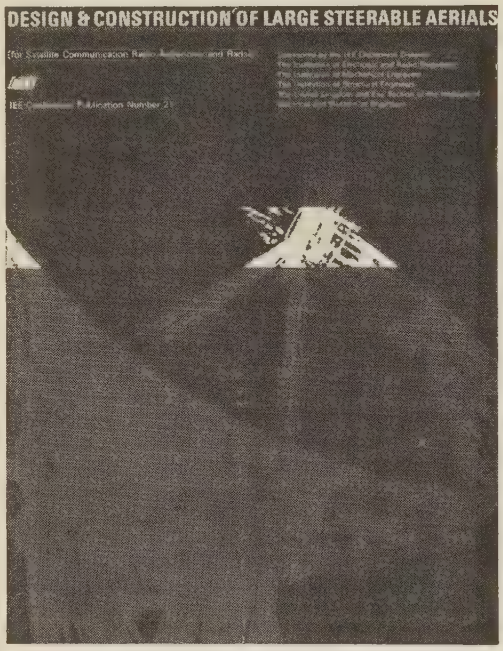

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IEE CONFERENCE PUBLICATION 21

The advent of satellite communication as an economic feasibility, the tremendous strides made possible in our understanding of the universe by radioastronomy, the need for ever greater accuracy and sensitivity in radar systems: these factors have pinpointed the need for aerials combining size with manoeuvrability. An international conference, sponsored jointly by the IEE, the IERE, the IMechE and the IEEE, was held in London in June 1966 to discuss the problems involved in the design and construction of such aerials. This publication contains the 66 papers presented at the conference, grouped under these headings:

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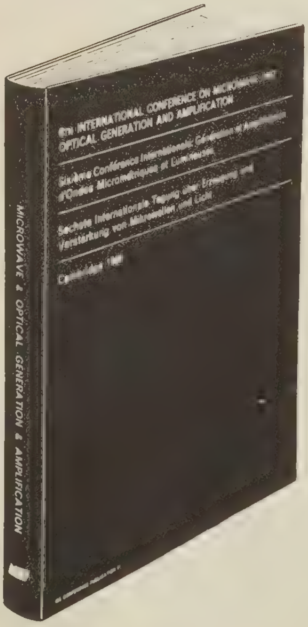

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Microwave & optical generation & amplification

IEE CONFERENCE PUBLICATION 27

In the last decade there have been spectacular advances in the generation and amplification of high-frequency electromagnetic energy by semiconductor devices, and the practical realisation of the laser has been seen. The 6th conference on 'Microwave and optical generation and amplification' (MOGA) was organised by the IEE and the IERE and held in Cambridge in September 1966. The 112 papers have been reproduced by letterpress in IEE Conference Publication 27 which provides an up-to-date review of developments in all these fields by contributors enjoying international authority. For convenience of reference, the book is divided into these six sections:

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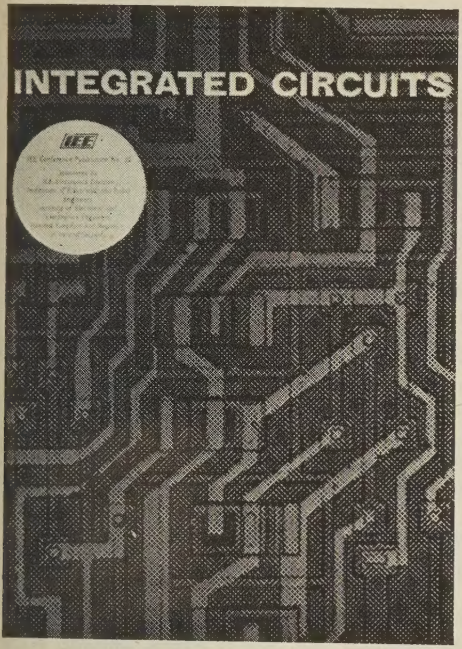
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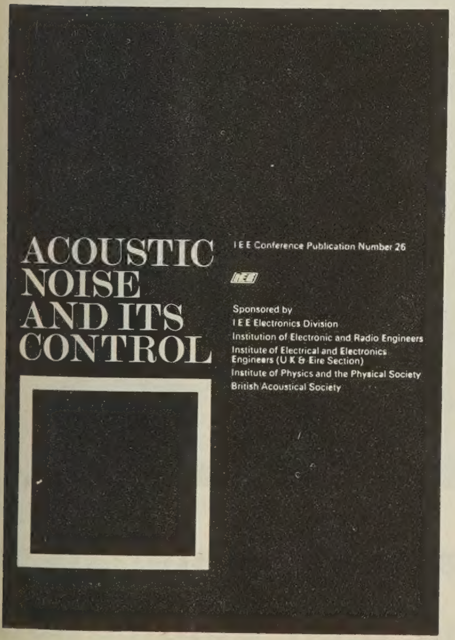
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Excessive noise can cause damage to mechanical structures, but its worst features are its effects on people. These range from annoyance, through interference with speech and communication, to permanent impairment of hearing. An international conference on acoustic noise and its control was organised jointly by the IEE, the IERE, the IEEE, the Institute of Physics & the Physical Society and the British Acoustical Society, and held in London in January 1967. 24 papers were presented by experts from the UK, the USA, Germany and France. The papers were grouped under four headings:

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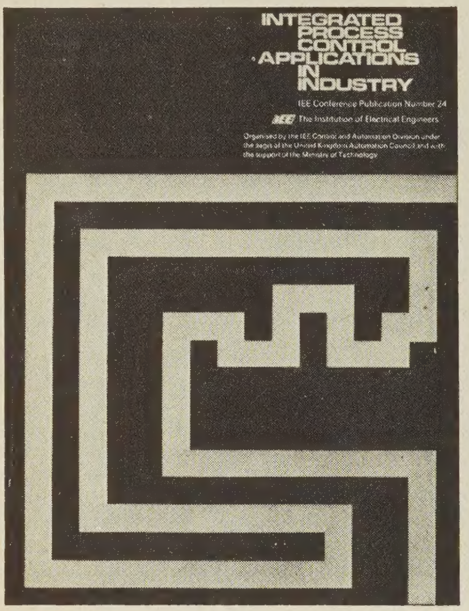
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